

Title (en)
SUPERATMOSPHERIC REACTION

Title (de)
SUPERATMOSPHERISCHE REAKTION

Title (fr)
REACTION SURATMOSPHERIQUE

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Abstract (en)
[origin: US5780565A] PCT No. PCT/US95/08559 Sec. 371 Date Nov. 28, 1995 Sec. 102(e) Date Nov. 28, 1995 PCT Filed Jul. 7, 1995 PCT Pub. No. WO96/01851 PCT Pub. Date Jan. 25, 1996A polymerization process produces polymers that are insoluble in a reaction mixture that was homogeneous before the polymer began to form. A dispersing agent in the polymerizing system (i.e., the reaction mixture plus the dispersing agent) allows a kinetically stable dispersion of the polymer to be formed in this polymerizing system. The polymerization process is performed in a fluid held under superatmospheric conditions such that the fluid is a liquid or a supercritical fluid; the fluid being carbon dioxide, a hydrofluorocarbon, a perfluorocarbon, or a mixture of any of the foregoing.

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